AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended): An image processing apparatus taking NXM pixels (N, M being a natural number of 2 or more) as one block, for processing image data consisting of a plurality of blocks by the unit block, said image processing apparatus comprising:

a first resizing means for resizing said image data in a first direction;

a line storage means ~~capable of storing at least~~ including at least one line memory having capacity for storing image data corresponding to one line along the first direction of the image data outputted from the first resizing means; and

a second resizing means for resizing the image data outputted from said first resizing means in a second direction intersecting the first direction,

wherein said second resizing means is formed so as to acquire image data of adjacent block from said line storage means.

2. (Original): The image processing apparatus according to claim 1 further comprising a decoding means for decoding compressed and encoded image data block by block, the image data decoded at the decoding means being subjected to the resizing.

3. (Withdrawn): The image processing apparatus according to claim 1 further comprising an encoding means for compressing and encoding image data block by block, the resized image data being compressed and encoded at said encoding means.

4. (Original): The image processing apparatus according to claim 1, wherein said first resizing means resizes said image data based on a thinning out in the first direction.

5. (Original): The image processing apparatus according to claim 1, wherein said first resizing means resizes said image data based on an added average in the first direction.

6. (Withdrawn): The image processing apparatus according to claim 1 further comprising a pixel storage means capable of storing at least image data corresponding to the number of pixels of block in the second direction of said NXM pixel block, said first resizing means acquiring image data of adjacent block from said pixel storage means.

7. (Withdrawn): The image processing apparatus according to claim 6, wherein said pixel storage means is capable of storing image data corresponding to the number of pixels of block in the second direction of the NXM pixel block, and said first resizing means effects resizing based on 2-point interpolation in the first direction.

8. (Withdrawn): The image processing apparatus according to claim 6, wherein said pixel storage means is capable of storing image data corresponding to three times the number of pixels of block in the second direction of the NXM pixel block, and said first resizing means effects resizing based on 4-point interpolation in the first direction.

9. (Currently Amended): The image processing apparatus according to claim 1, wherein said line storage means ~~is capable of~~ comprises a single line memory having capacity for storing image data corresponding to one line in the first direction of the image data resized at said first resizing means, and said second resizing means effects resizing based on 2-point interpolation in the second direction.

10. (Withdrawn): The image processing apparatus according to claim 1, wherein said line storage means is capable of storing image data corresponding to three lines in the first direction of the image data resized at said first resizing means, and said second resizing means effects resizing based on 4-point interpolation in the second direction.

11. (Currently Amended): The image processing apparatus according to claim 1 further comprising a first through resizing means ~~capable of causing the resizing in the first direction to be through without a processing operation~~ for bypassing a processing of the first resizing means.

12. (Currently Amended): The image processing apparatus according to claim 1 further comprising a second through resizing means ~~capable of causing the resizing in the second direction to be through without processing operation~~ for bypassing a processing of the second resizing means.

13. (Currently Amended): The image processing apparatus according to claim 11 further comprising a second through resizing means ~~capable of causing the resizing in the second direction to be through without processing operation~~ for bypassing a processing of the second resizing means.

14. (Currently Amended): The image processing apparatus according to claim 1, wherein said line storage means has [[a]] the capacity corresponding to a display region of an external display apparatus.